

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): Lichtenhan, et al.

Appln. No.: 09

Series Code ↑

631,892

Serial No. ↑

Filed: August 4, 2000

Commissioner of Patents  
Washington, D.C. 20231

Sir:

AMENDMENT

Group Art Unit 1712

Examiner: J. Robertson

Atty. Dkt. P 0282005

M#

Client Ref

Appln. Title: PROCESS FOR THE FORMATION OF  
POLYHEDRAL OLIGOMERIC  
SILSESQUIOXANES

Date: March 21, 2002

This is an amendment in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim A. <input type="checkbox"/> NOT made B. <input type="checkbox"/> Withdrawn C. <input type="checkbox"/> made herewith D. <input checked="" type="checkbox"/> made previously	For B & C See Required Separate Paper (Pat-256)	Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	116	**minus	126	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	8	***minus	8	0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application).....		add		+ \$280/\$140 =	+ \$0		104/204
5. Original due Date: January 24, 2002	<input type="checkbox"/> NONE						
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (Usable only for ≤ 2mo.OA --- 4 mos) (Usable only for 30 day/1mo.OA --- 5 mos)	\$110/\$55 = \$400/\$200 = \$920/\$460 = \$1,440/\$720 = \$1,960/\$980 =		+ \$200			115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract				- \$0			
8.				Extension Fee Attached	+ \$200		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....				+ \$110/\$55	+ \$0		148/248
10. If IDS attached requires Official Fee under Rule 97 (c), .....	add or if Rule 97(d) Request .....			+ \$180 + \$180	+ \$0		126 126
11. After-Final Request Fee per rules 129(a) and 17(r) .....				+ \$740/370	+ \$0		146/246
12. No. of additional inventions for examination per Rule 129(b) .....				x \$740/370 ea	+ \$0		149/249
13. Request for Continued Examination (RCE) .....				+ \$740/370	+ \$0		1179/1279
14. Petition fee for .....				+ \$0			
15.				TOTAL FEE ENCLOSED =	\$200		

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 038559 0282005

C# M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

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Pillsbury Winthrop LLP  
Intellectual Property Group

By Atty: Karry W. Wang Reg. No. 50,178

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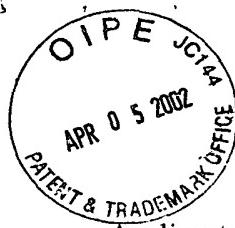
**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service, postage prepaid, in an envelope addressed to Commissioner of Patents, Washington D.C. 20231-9999 on 3/21/02

Date: March 21, 2002 By: 

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POLYHEDRAL OLIGOMERIC SILSESQUIOXANES

\* \* \* \* \*

AMENDMENT AND RESPONSE

*KIB  
4/10/02*  
**RECEIVED**  
*APR 08 2002*  
**TC 1700**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated October 24, 2001, please enter and consider the following amendment and remarks.

IN THE SPECIFICATION

Page 2, line 5, insert --(Rikowski, E. and Marsmann, H.C., Polyhedron, 1997, 16, 3357-3361).-- before "While".

Page 2, line 18, change "Brown et al. and Marsmann et al." to --see, e.g., Brown, J. F., Vogt, L. H., and P. I. Prescott J., Am. Chem. Soc. 1964, 86, 1120-1125; Rikowski, E. and Marsmann, H.C. Polyhedron, 1997, 16, 3357-3361--.

Page 5, top of the page, delete [Figure 1. Examples of Common Silsesquioxane, Silicate, POSS Nanostructures and Fragments.]

Page 9, top of the page, change "Figure 2. Illustration of Process I where polymeric silsesquioxane resins are converted into POSS fragments and nanostructures." to --Scheme 1--.